

What is claimed is:

1.            A bonded shaped body of sheet mold compound, exhibiting a class A surface, and a backside surface bonded to a substrate, said class A surface exhibiting improved read-through, said shaped body bonded to a substrate with an epoxy adhesive in mix-proportioned parts, wherein said adhesive contains a liquid elastomer having a terminal epoxy-reactive group, and wherein part A comprises an epoxy compound, and part B comprises a polyamide or polyamidoamine, wherein said adhesive contains from 20 to 60 wt.% combined of said elastomer and said polyamide and/or polyamidoamine, said adhesive volume mix-proportion ratio of part A to part B is from 1:1.4 to 1:3.0.
2.            The bonded shaped body of claim 1 wherein the cured adhesive per se, has a Young's modulus of from 25,000 to 200,000.
3.            The bonded shaped body of claim 1 wherein the mix-proportion is from 1:1.8 to 1:2.5.
4.            The bonded shaped body of claim 1 in the form of a panel bonded to said substrate, said panel has a thickness of from 90 – 110 mils.
5.            The bonded shaped body of claim 1 wherein said elastomer is a carboxy-terminated nitrile-butadiene copolymer and is present in part A of said epoxy adhesive.
6.            The bonded shaped body of claim 1 wherein said elastomer is a amine-terminated nitrile-butadiene copolymer and is present in part B of said epoxy adhesive.
7.            The bonded shaped body of claim 1 comprising said epoxy compound at from 10 to 40 wt.%, said liquid elastomer at from 5% to 25 % by weight, and said polyamide and/or polyamidoamine at from 10% to 30% by weight.

8. The bonded shaped body of claim 1 wherein said adhesive is formulated to also comprise an accelerator and an amine hardener.
9. The bonded shaped body of claim 1 containing from 22 to 30 wt.% combined of said elastomer and said polyamide and/or polyamidoamine.
10. The bonded shaped body of claim 1 which exhibits a bond strength of at least 200 p.s.i. at 180°F, and at least 44 p.s.i. at 400°F, and fiber tearing bonds after long term water soaking.
11. A two-part (A & B) dispenser comprising first and second containers containing epoxy adhesive in two parts, and adapted to dispense the adhesive in volume proportioned parts, wherein said adhesive contains a reactive liquid elastomer having terminal epoxy-reactive groups, and wherein part A in said first container comprises an epoxy compound, and part B in said second container comprises a polyamide or polyamidoamine, wherein said adhesive contains from 20 to 60 wt.% combined of said elastomer and said polyamide and/or polyamidoamine, and said dispenser is adapted to dispense said adhesive in a volume mix-proportion (ratio) of part A to part B of from 1:1.4 to 1:3.0.
12. The dispenser of claim 11 wherein the adhesive exhibits, per se, a Young's modulus of from 25,000 to 200,000 in the cured state.
13. The dispenser of claim 11 adapted to dispense said adhesive in a mix-proportion of from 1:1.8 to 1:2.5.
14. The dispenser of claim 11 wherein said elastomer is a carboxy-terminated nitrile-butadiene copolymer and is present in part A.
15. The dispenser of claim 11 wherein said elastomer is a amine-terminated nitrile-butadiene copolymer and is present in part B.

16. The dispenser of claim 11 wherein said adhesive comprises said epoxy compound at from 10 to 40 wt.%, said liquid elastomer at from 5% to 25 % by weight, and said polyamide and/or polyamidoamine at from 10% to 30% by weight.

17. The dispenser of claim 16 wherein said adhesive is formulated to further comprise an accelerator and an amine hardener.

18. The dispenser of claim 11 wherein said adhesive comprises from 22 to 30 wt.% combined of said elastomer and said polyamide and/or polyamidoamine.

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